

WHAT IS CLAIMED IS:

1. A connector structure comprising a male member and a female member, the male member having an inserting portion and a plurality of engaging knobs, the female member defined with a groove
5 and a plurality of engaging holes with corresponding to the inserting portion and the engaging knobs of the male member respectively; wherein:

between each mouth and engaging hole of the female member respectively provided with a protrusion and each of which interiorly
10 defined with a slide track, edges of the protrusions being corresponding to a predetermined position of the respective engaging knobs of the male member, the slide track of the protrusions capable of guiding the corresponding engaging knobs during assembling, and the protrusions capable of preventing the corresponding engaging knobs from being
15 scratched by the edges of the respective engaging holes of the female member.

2. The connector structure as claimed in claim 1, wherein the engaging knobs on the male member are semi-spherical formed.

3. The connector structure as claimed in claim 1, wherein the
20 engaging knobs on the male member are blocks having a curved contacting surface defined at the top.

4. The connector structure as claimed in claim 1, wherein the protrusions on the female member are “┐”-shaped in cross section.

5. The connector structure as claimed in claim 1, wherein the protrusions on the female member are “ \cap ” shaped in cross section.